

## STATE of CALIFORNIA

### Wireless E9-1-1 Project Status (January 2004)

The following summary information is extracted from the monthly Wireless E9-1-1 (W E9-1-1) Project meeting minutes. The State hosts an open meeting on the second Friday of each month at the Telecommunications Division in Sacramento for the Wireless Service Providers (WSPs), Incumbent Local Exchange Carriers (ILECs), Public Safety Answer Points (PSAPs), California Highway Patrol (CHP), Database Providers, and other stakeholders to encourage active participation with the project goals. Contact John Marengo (9-1-1 Office) at 916-657-9236 or [john.marengo@dgs.ca.gov](mailto:john.marengo@dgs.ca.gov) for further information.

---

#### W E9-1-1 Project General Business

- **W E9-1-1 Project Web Site.** The W E9-1-1 Project web site is continuously updated to show participating PSAPs, WSP sector cutover status, Frequently Asked Questions (FAQs), and other project information. Please see [www.td.dgs.ca.gov/Services/911/we911](http://www.td.dgs.ca.gov/Services/911/we911).
- **PSAP Participation Status.** More local PSAPs are volunteering to answer wireless E9-1-1 calls directly. By region, there are 27 of 71 PSAPs in Los Angeles Region (yellow), 43 of 90 in the Bay Area (green), 7 of 13 in San Diego (pink), 21 of 28 in Sacramento (light blue), and 51 of 76 in Southland (dark blue). The PSAP solicitation process is underway for Central Region (orange) and will soon start for Northern Region (white).
- **W E9-1-1 Network Design.** When WSPs order E9-1-1 connectivity they must provide one dedicated trunk group for the CHP Communication Center and another trunk group for local PSAPs for each of their mobile switching centers (MSCs). This prevents the large call volumes that inundate the CHP from blocking local PSAP call traffic.
- **Great Showing at the First Meeting of the Year.** The first monthly project meeting of 2004 at the Telecommunications Division in Sacramento was well attended by project participants. It was nice to finally meet people face-to-face, some whom have been involved with this project since its kick-off in April 2001.



#### Wireless ALI (W-ALI) Issues

- **WSP Names and 24/7 Trace Numbers.** It is imperative that WSPs provide consistency in their company names, 24/7 trace numbers, and other data fields populating the Wireless ALI (W-ALI) record, in accordance with the State approved format. Inconsistencies make the call taker's job difficult and add complexities to computer application programs that key on these fields.
- **Variations of Phase I & Phase II Data.** PSAPs need to be aware of variations in the Phase I and Phase II data presented by WSPs in the W-ALI record. Although the 9-1-1 Office has diligently promoted consistency wherever possible, GIS applications need to be flexible since there are no FCC standards for fields such as class of service, uncertainty, and confidence.
- **Sprint PCS Intellivector Test.** Sprint PCS tested their Phase II solution using Intrado's upgraded Intellivector Wireless Gateway (IWG). This appears to have resolved the issue with the previously incomplete W-ALI display, clearing the way for Sprint PCS implementations to start. Many thanks to Whittier Police Department and others that tested this solution.

#### Regional Implementations – See map and cut sheets at [www.td.dgs.ca.gov/Services/911/we911](http://www.td.dgs.ca.gov/Services/911/we911) under “Implementation Status.”

- **Los Angeles Region** – Various PSAPs are cutting over sectors to Phase II service under the guidance of the LA Regional Wireless Coordinator, Ella Sotelo. CHP Los Angeles Communications Center (LACC) resolved problems they were having with call transfers. LACC will resume testing, next with the 1000+ TDMA sectors from AT&T Wireless Service (AWS).
- **San Francisco Bay Area Region** – Bay Area Regional Wireless Coordinator, Charles Cullen, continues to schedule Phase II implementations with those PSAPs and WSPs that are ready. On February 18, 2004, Charles will be coordinating the test of SBC's new E-PAM interface with Nextel at Palo Alto PD. Part of the testing will involve call transfers to Mountain View PD to see the impacts on the W-ALI record when a call is transferred from a PSAP with an E-PAM interface to one with an E2+ interface. The CHP Golden Gate Communications Center equipment should be ready to start implementations in April 2004.
- **San Diego Region** – WSPs may be able to initiate service within the 1<sup>st</sup> quarter of 2004 at some local PSAPs. Hanan Harb, the San Diego Regional Wireless Coordinator, will schedule the implementations. To date only a few WSPs have requested pANIs from the 9-1-1 Office, and only Verizon Wireless has ordered connectivity to the SBC San Diego S/R.
- **Sacramento Region** – This region is slated to start in the 2<sup>nd</sup> quarter of 2004. Most request letters have already been sent out by the State and received by WSPs. Routing meetings are to be scheduled soon.
- **Southland Region** – This region is expected to start in the 3<sup>rd</sup> quarter of 2004. The 9-1-1 Office is preparing wireless service provider (WSP) request letter packages for those Southland Region PSAPs that will be answering W E9-1-1 (Phase I & II) calls directly. WSPs should begin receiving these letters in March 2004.
- **Central Region** – This region is expected to start in the 4<sup>th</sup> quarter of 2004. Participation is being sought from local PSAPs to answer W E9-1-1 calls directly. The list of all the Central Region PSAPs is now posted on the website.
- **Northern Region** – This region is expected to start in 2005 and will complete the statewide W E9-1-1 implementation.